PIVOVAR, L.I.; TUBAYEV, V.M.

A 2.5 Mev. compact electrostatic accelerator. Zhur. tekh. fiz. 32 no.6:713-718 Je '62. (MIRA 15:7)

1. Fiziko-tekhnicheskiy insititut AN USSR, Khar'kov.
(Particle accelerators)

S/057/62/032/006/011/022
B108/B102

24.6731

AUTHORS: Pivovar, L. I., and Tubayev, V. M.

TITLE: A compact electrostatic 2.5-Mev accelerator

PERIODICAL: Zhurnal tekhnicheskoy fiziki, v. 32, no. 6, 1962, 713 - 718

TEXT: In earlier work the authors together with M. T. Novikov (ZhTF, 30, 74, 1960) had designed a 1.5-Mev accelerator. In the present paper, a new linear accelerator with a greater vacuum tank (0.75 m^3) is described (Fig. 1). Hydrogen and helium ions can be given an energy of up to 2.55 Mev. If the diameter of the channel in the acceleration tube and the shape of the insulating rings (porcelain) are properly chosen a potential gradient of 2.5 - 3 Mv/m can be secured in a tube of up to 1.5 m length. Comparison with data obtained from another accelerator (I. Michael et al., Rev. Sci. Instr., 30, 855, 1959) showed that the removal of the organic glue between the electrodes and the insulating rings in the acceleration tube virtually has no effect on the electrical stability of the tube. The same holds true when the residual gas pressure is reduced to $1 - 2 \cdot 10^{-5}$ mm Hg. Up to 4 Mv an approximately linear law relates the tube length to the

Card 1/2

A compact electrostatic ...

attainable voltage. There are 2 figures.

ASSOCIATION: Fiziko-tekhnicheskiy institut AN USSR Khar'kov (Physico-technical Institute AS UkrSSR Khar'kov)

SUBMITTED: June 17, 1961

Fig. 1. Diagram of the accelerator (measures in mm).
Legend: (1) Outlet pipe; (2) motor; (3) steel tank; (4) acceleration tube; (5) dividing disks; (6) potentiometer; (7) insulators; (8) spring contacts with the tube; (9) corona discharge triode; (10) high-voltage conductor; (11) generator; (12) safety valve; (13) vacuum gage; (14), (19) belt transmission; (15) charging belt; (16) rotary voltmeter; (17) dischargers; (18) screen; (20) belt-tightening pulley.

38859
S/056/62/042/006/013/047
B104/B102

17

26.2312

AUTHORS: Pivovar, L. I., Novikov, M. T., Tubayev, V. M.

TITLE: Electron capture by helium ions in various gases within the energy range 300 to 1500 kev

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 42, no. 6, 1962, 1490-1494

TEXT: The cross section σ_{20} of the capture of two electrons by doubly charged helium ions in single collision with H, He, N, Ar, and Kr was measured as well as the cross section σ_{21} of the capture of one electron. A monochromatic beam of singly charged He ions was produced from an electrostatically accelerated ion beam by means of a monochromator. A beam of variously charged He ions was obtained from it by charge exchange in a special chamber. The He^{2+} ions were separated by means of a magnetic mass monochromator and led into a collision chamber. σ_{20} and σ_{21} were determined mass-spectroscopically. In nitrogen, $\sigma_{21} \sim (v_0/v)^{6.5}$, in argon

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Electron capture by helium ...

$\sigma_{21} \sim (v_o/v)^{6.3}$ and in krypton, $\sigma_{21} \sim (v_o/v)^{4.8}$ where v_o is the velocity of an electron in a hydrogen atom and $v \approx 3v_o$ to $4v_o$. For low energies σ_{20} agrees well with the data of S. K. Allison (Rev. Mod. Phys., 30, 1137, 1958) and V. S. Nikolayev, et al. (ZhETF, 41, 89, 1961). For He^{2+} ion energies of $\sim$ 1300 kev, the values of σ_{20} in He, N, and krypton are about twice as large as those obtained by Nikolayev. For 1000 kev, σ_{20} is nearly three times the experimental value. As the energy increases the experimental values again approach the theoretical ones. The use of Born's approximation in the calculation of the capture cross section is suggested as the reason for this divergence. There are 3 figures.

ASSOCIATION: Fiziko-tekhnicheskiy institut Akademii nauk Ukrainskoy SSR (Physicotechnical Institute of the Academy of Sciences Ukrainskaya SSR)

SUBMITTED: January 30, 1962

Card 2/2

PIVOVAR, L.I.; TUBAYEV, V.M.; NOVIKOV, M.T.

Electron loss and capture in gases by helium ions in the energy range of 200 to 1500 kev. Zhur.eksp.i teor.fiz. 41 no.1:26-31 Jl '61. (MIRA 14:7)

1. Khar'kovskiy fiziko-tekhnicheskiy institut AN Ukrainskoy SSR.
(Electrons—Capture) (Ion beams) (Helium)

PIVOVAR, L.I.; TUBAYEV, V.M.; NOVIKOV, M.T.

Dissociation of molecular hydrogen ions in collisions with gas molecules. Zhur. eksp. i teor. fiz. 40 no.1:34-39 Ja '61. (MIRA 14:6)

(Collisions (Nuclear physics)) (Hydrogen ion)

26408
S/056/61/041/001/033/021
B102/B212

26.2340

AUTHORS: Pivovar, L. I., Tubayev, V. M., Novikov, M. T.

TITLE: Electron loss and capture by 200 - 1500 kev helium ions in gases

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 41, no. 1 (7), 1961, 26 - 31

TEXT: So far, collisions of electrons with ions, atoms, and molecules have been investigated only at energies of the latter of up to 450 kev. For the further development of the theory of atomic collisions, investigations at higher energies are of interest. The authors publish test results on cross sections for electron capture and electron loss for collisions with helium ions and also test results on equilibrium compositions in a helium beam during collisions with N_2, H_2 and also He, Kr, and Ar for the 200 - 1500 kev energy range. The experimental arrangement has been described earlier (ZhETF, 40, 34, 1961). A beam of singly-charged helium ions emerging from an electrostatic accelerator was separated by a mass monochromator and passed through the collision chamber. Both beams (He^+ and He^{2+}) were

Electron loss and capture...

collected by beam catchers, and their currents were measured with vacuum-tube electrometers of type ЭМУ-3(EMU-3). The neutral He^0 beam intensity was determined with a detector by measuring the secondary electron emission from a He^0 bombarded copper foil. This detector functioned similarly to that described by P. M. Stier et al. The cross sections σ_{10} and σ_{12} of the electron capture and loss were determined by using the following expression:

$$\sigma_{10} = \left\{ d\left[\frac{N^0}{N^0 + N^+ + N^{2+}} - \left(\frac{N^0}{N^+}\right)_{backgr} \right] \Big/ d(nL) \right\}_{nL \to 0}$$

$$\sigma_{12} = \left\{ d\left[\frac{N^{2+}}{N^0 + N^+ + N^{2+}} - \left(\frac{N^{2+}}{N^+}\right)_{backgr} \right] \Big/ d(nL) \right\}_{nL \to 0}$$

N^0, N^+ and N^{2+} denote the numbers of neutral atoms of singly and doubly charged helium ions respectively; n denotes the concentration of gas atoms in the collision chamber, and L is their mean free path. For each indivdual case nL was determined as a function of the ratio of the number of secondary

Electron loss and capture...

particles to the number of primary particles. The linear section of this curve was used to find the cross section. Corrections for multiple scattering were taken into account. σ_{10} and σ_{12} were determined as the mean values of two to three independent measurements. The random errors were $\leq \pm 18$ % and $\leq \pm 12$ %, respectively and the energy of the primary ions was accurate to within ± 2 %. The equilibrium composition of the beam in the collision chamber was determined by a chamber modified by the installation of an input and an output channel. Since the formation of negative helium ions at the energies employed may be neglected, it is possible to assume that in the range of 200 to 700 kev He^0, He^+ and He^{2+} will occur, and in the range of 500 to 1500 kev He^+ and He^{2+} only. In the range of 500 - 700 kev there are only about 6 % of He^0 present. If one further assumes that the capture (loss) of two electrons may also be neglected, the following relations are found: $\sigma_{21} = \sigma_{12}F_{1\infty}/F_{2\infty}$ and $\sigma_{01} = \sigma_{10}F_{1\infty}/F_{0\infty}$, where $F_{0\infty}$, $F_{1\infty}$ and $F_{2\infty}$ denote the relative concentrations of the components He^0, He^+ and He^{2+}. A table shows the results of the analysis of equilibrium compositions in the particle beam. The curves $\sigma(E)$ are shown in diagrams. Fig. 3 shows a

Card 3/6

Electron loss and capture...

diagram which is characteristic for helium ions in nitrogen. The authors thank Professor A. K. Val'ter, Member of the AS UkrSSR, for interest. There are 5 figures, 1 table, and 9 references: 3 Soviet-bloc and 6 non-Soviet-bloc. The three most important references to English-language publications read as follows: P. M. Stier et al. Phys. Rev. 96, 973, 1954; H. Schiff. Can. J. Phys. 32, 393, 1954; C. F. Barnett, H. K. Reynolds. Phys. Rev. 109, 355, 1958.

ASSOCIATION: Khar'kovskiy fiziko-tekhnicheskiy institut Akademii nauk Ukrainskoy SSR (Khar'kov Institute of Physics and Technology of the Academy of Sciences Ukrainskaya SSR)

SUBMITTED: February 7, 1961

TYUNILYAYMEN, M.I.; TIMOFEYEV, V.V.; TUBAYEV, Yu.V.

Determination of micron wire diameters by the capacitance method.
Trudy Ural. politekh. inst. no.92:167-171 '59. (MIRA 13:12)
(Electric lamps, Incandescent--Filaments)

TYUNILYAYNEN, M.I.; TUBAYEV, Yu.V.

Electron device for the measurement of filament ovalness. Trudy Ural. politekh. inst. no.92:172-175 '59. (MIRA 13:12)
(Electronic instruments) (Electric lamps, Incandescent--Filaments)

TYUNILYAYNEN, M.I.; LYUSTROVA, A.P.; GAZIMOV, M.Kh.; TUBAYEV, Yu.V.; TIMOFEYEV, V.V.

Electronic butyrometer. Trudy Ural.politekh.inst. no.14:155-159 '61. (MIRA 16:6)
(Electronic measurements)

TUBAYEVA, A.A., assistent

Review of the theoretical diagrams of proportioning devices for looms. Tekst.prom. 22 no.9:53-59 S '62. (MIRA 15:9)

1. Kafedra proyektirovaniya tekstil'nykh mashin Moskovskogo tekstil'nogo instituta (MTI).
(Looms) (Proportioning equipment)

TUBAYEVA, V.M.

AUTHOR: PIVOVAR,L.I., TUBAYEVA,V.M., GORDIYENKO,V.I. PA - 3553

TITLE: The Influence of Electronic Current Components on the Development of Electric Breakdown in a High Vacuum. (Vliyaniye elektronnoy tokovoy komponenty na razvitiye elektricheskogo proboya v vysokom vakuume, Russian)

PERIODICAL: Zhurnal Tekhn. Fiz. 1957, Vol 27, Nr 5, pp 997-1000 (U.S.S.R.)

ABSTRACT: The experiments were carried out in a cylindrical vacuum chamber with a diameter of 200 mm, in which a pressure of 1 - 3.10^{-6} torr was maintained. As high-frequency source a cascade generator with 180 kw was used. The breakdown voltages and the currents before breakdown between the electrodes were investigated in the case of both the existence and the lack of a magnetic field for copper electrodes at the cathode and lead electrodes at the anode as also for copper electrodes at the cathode and copper at the anode, and for copper at the cathode and aluminum at the cathode.

It was found that:

1.) The electron-current component plays an important part in the development of electric breakdown between the metal electrodes in the high vacuum.

2.) In the case of voltages which are near breakdown voltage, the electron flux forms the basic part of currents before breakdown.

Card 1/2

PA - 3553

The Influence of Electronic Current Components on the Development of Electric Breakdown in a High Vacuum.

3.) The development of the electron flux in a vacuum interval depends on the anode material. (With 1 Table and 2 Illustrations).

ASSOCIATION: FTI of the Academy of Science of the U.S.S.R., Charkov
PRESENTED BY:
SUBMITTED: 22.10.1956
AVAILABLE: Library of Congress

Card 2/2

TUBBS, N.; SAGAN, U.; RZANY, H.; JANIK, J.A.; JANIK, J. (Mrs.)

The total scattering cross section of slow neutrons in gaseous H_2S. Acta physica Pol 22 no.6:517-520 D '62.

1. Institute of Nuclear Physics, Krakow.

[redacted], TUBE, M.

POLAND/Nuclear Physics - Nuclear Power and Technology C-8

Abs Jour : Ref Zhur - Fizika, No 6, 1958, No 12823

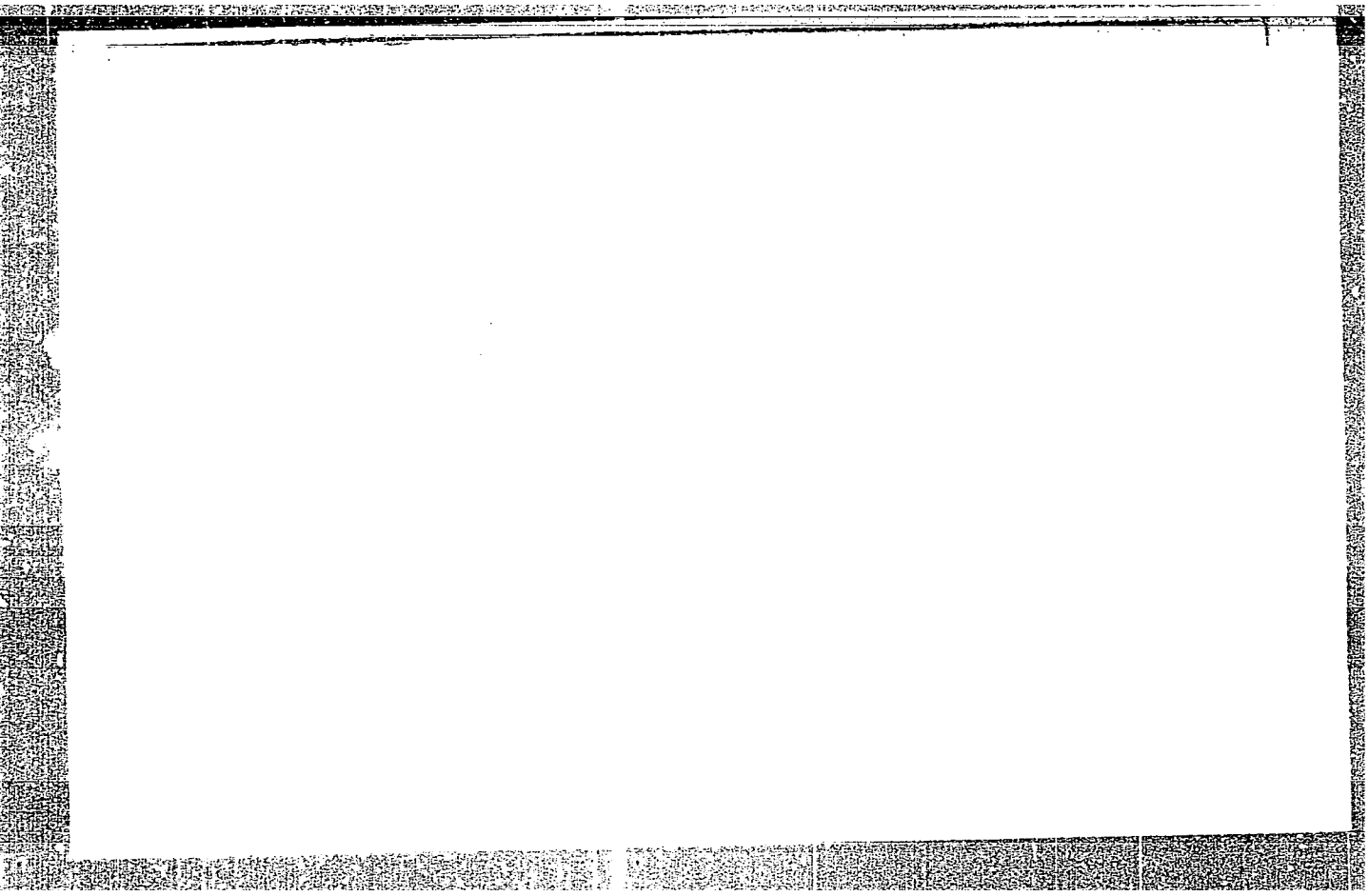
Author : Tube Mieczyslaw
Inst : Not Given
Title : Plutonium Dioxide as a Nuclear Fuel.

Orig Pub : Nukleonika, 1957, 2, No 3, 465-478

Abstract : The author examines the possibility of using by way of a nuclear fuel metallic plutonium and its alloys; a limited possibility of their use is predicted. Among the plutonium compounds that have good properties as a nuclear fuel, the one chosen for study is plutonium dioxide. Comparison with uranium oxides confirms the possibility of extensive utilization of plutonium dioxide as a nuclear fuel in many types of power reactors.

Card : 1/1

20



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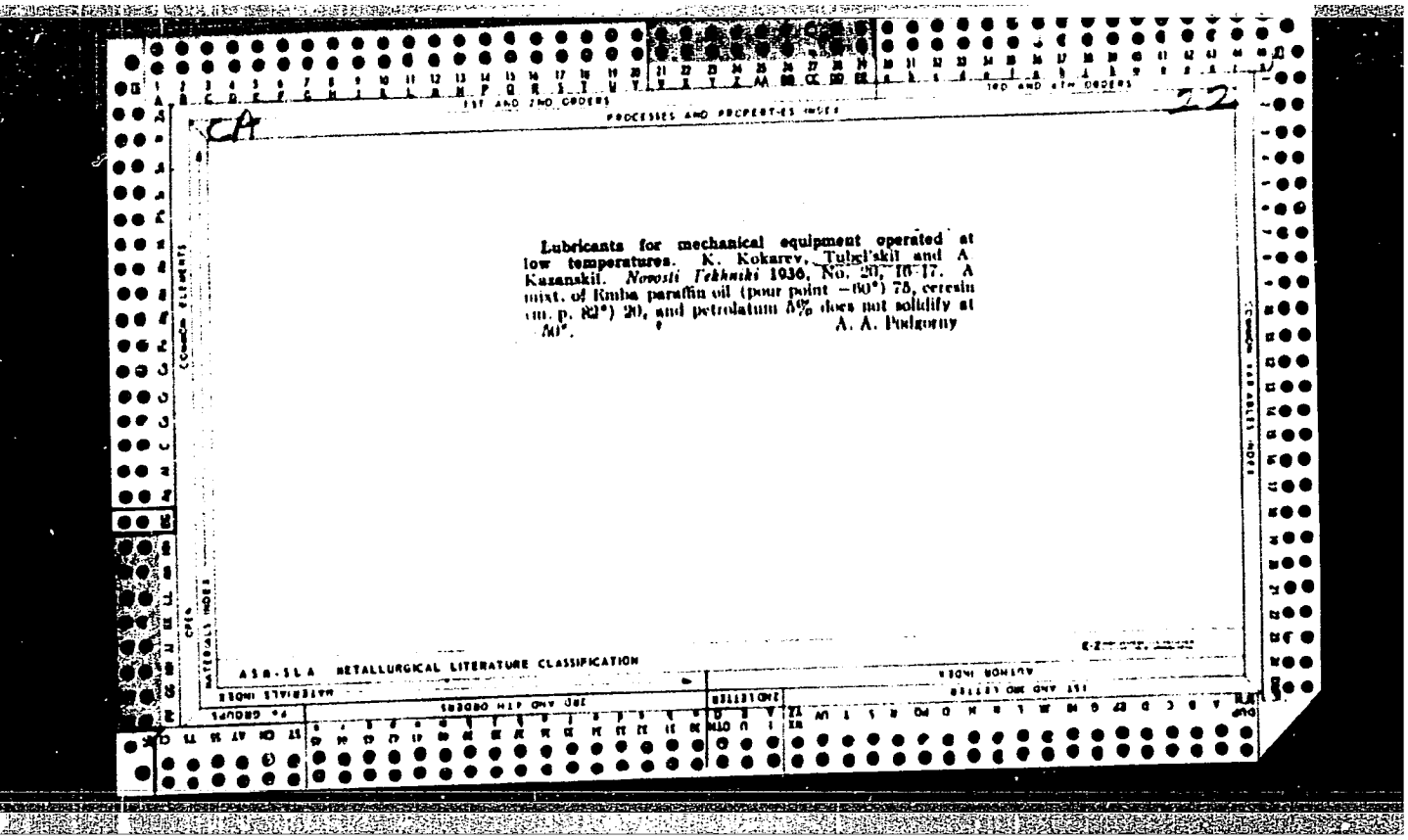

Lubricants for mechanical equipment operated at low temperatures. K. Kokarev, Tulgl'skil and A Kazanskil. *Novosti Tekhniki* 1936, No. 20, 16-17. A mixt. of Emba paraffin oil (pour point −60°) 75, ceresin (m. p. 82°) 20, and petrolatum 5% does not solidify at 40°. A. A. Pulgonny

TUBEL'SKIY, D. L.

Furniture Industry

Wedge clamp for the gluing of drawers. Der. i Lesokhim. prom. 2, No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

TUBENSHLYAK, Z.L.; TIKHOMIROV, A.S.

Automatic machine for checking track pins. Trakt. i sel'khozmash. 31 no. 5:43-44 My '61. (MIRA 14:5)

1. Nauchno-issledovatel'skiy institut tekhnologii traktornogo i sel'skokhozyaystvennogo mashinostroyeniya.
(Crawler tractors)

TUBENSHLYAK, Z.L.; SKALKIN, M.I.

Device for the continuous control of valve stems during centerless grinding. Trakt. i sel'khozmash. 31 [i.e.32] no.11:37-38 N '62. (MIRA 15:12)

1. Nauchno-issledovatel'skiy institut tekhnologii traktornogo i sel'skokhozyaystvennogo mashinostroyeniya.
(Automobiles—Motors—Valves) (Grinding machines)

TUBENSHLYAK, Z. L.; SKALKIN, M. I.

Multiple-measurement testing machine. Mashinostroenie no.5:113 S-O '62. (MIRA 16:1)

(Measuring instruments)

TUBENSHLYAK, Z.L.; SHCHENEV, I.S.; SOKOLOVA, L.M.

Automatic sorting of piston pins into select groups by detecting errors of shape. Trakt. i sel'khozmash. 30 no.11:39-41 N '60. (MIRA 13:12)

1. Nauchno-issledovatel'skiy institut Traktorsel'khozmash.
(Pistons)

BERKLAYD, I.M.; VIKHMAN, V.S., doktor tekhn. nauk; DRAUDIN, A.T.; KOPANEVICH, N.Ye.; OVCHARENKO, G.I.; TUBENSHLYAK, Z.L.; CHASOVNIKOV, G.V.; TSEYTLIN, Ya.M.; BAYBUROV, B.S., red.; KOCHENOV, M.I., red.; MALYY, D.D., red.; STROGANOV, L.P., inzh., red. izd-va; DOBRITSYNA, R.I., tekhn. red.

[Automatic controllers] Kontrol'nye avtomaty. Moskva, Mashgiz, tekhn. izd-vo mashinostroit. lit-ry, 1961. 193 p. (MIRA 14:8)
(Electronic measurements)

TUBENSHLYAK, Z.L.; SOKOLOVA, L.M.

Multidimensional pneumatic device for controlling the cylinder liners of SMD engines. Trakt. i selkhozmash. 32 no.3:41-42 Mr '62. (MIRA 15:2)

1. Nauchno-issledovatel'skiy institut tekhnologii traktornogo i sel'skokhozyaystvennogo mashinostroyeniya.
(Tractors) (Agricultural machinery)

VYSOTSKIY, A.V.; DVORETSKIY, Ye.R.; KONDASHEVSKIY, V.V.; KUZ'MICHEV, V.T.; MOROZOV, I.K.; POLYANSKIY, P.M.; TUBENSHLYAK, Z.L.; KHOKHLOVA, G.V.; CHASOVNIKOV, G.V.; SHLEYFER, M.L.; BAYBUROV, B.S., red.; KOCHENOV, M.I., red.; MALYY, D.D., red.; AKIMOVA, A.G., red. izd-va; EL'KIND, V.D., tekhn. red.

[Instruments and devices for operating dimension control in the manufacture of machinery] Pribory i ustroistva dlia aktivnogo kontrolia razmerov v mashinostroenii. By A.V.Vysotskii i dr. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 303 p. (MIRA 14:9)

(Machinery industry--Equipment and supplies)
(Automatic control)

TUBENSHLYAK, Z.L.; KOTEL'NIKOV, Ye.F.

Controlling and readjusting device for centerless grining machines. Trakt. i sel'khozmash. 31 no.3:41-42 Mr '61. (MIRA 14:3)

1. Nauchno-issledovatel'skiy institut tekhnologii traktornogo i sel'skokhozyaystvennogo mashinostroyeniya.
(Grinding machines)

TUBENSHLYAK, Z.L.;KOTEL'NIKOV, E.F.

Automatic device for controlling valve knocks in engines. Trakt. i sel'khozmash. no.11:46-47 N '59. (MIRA 13:3)

1. Nauchno-issledovatel'skiy institut Traktorosel'khozmash.
(Tractors--Engines--Valves)

TUBENSHLYAK, Z.L.; SOROKIN, N.V.

Automatic checking of roll diameters for steel-bushed roller chains. Trakt. i sel'khozmash. no.2:39-41 F '59.
(MIRA 12:1)

1. Nauchno-issledovatel'skiy institut Traktorsel'khozmash.
(Chains--Testing)

TUBENSHLYAK, Z.L.

Automatic machines for checking and sorting parts in mass production. Biul.tekh.-ekon.inform. no.6:38-42 '61. (MIRA 14:6)
(Quality control--Equipment and supplies)

TUBENSHLYAK, Z.L.; SOROKIN, N.V.

Automatic adjustment of ferroaluminum tractor bushings. Trakt. i sel'khozmash. 30 no.2:42-45 F '60. (MIRA 13:5)
(Bearings(Machinery))

TUBENSHLYAK, Z. L.

PHASE I BOOK EXPLOITATION SOV/5833

Berklayd, I. M., V. S. Vikhman, A. T. Draudin, N. Ye. Kopanevich, G. I. Ovcharenko, Z. L. Tubenshlyak, G. V. Chasovnikov and Ya. M. Tseytlin

Kontrol' nyye avtomaty ([Dimensional-] Control Automatics) Moscow, Mashgiz, 1961. 193 p. (Series: Progressivnyye sredstva kontrolya razmerov v mashinostroyenii) Errata slip inserted. 4500 copies printed.

Eds. of Series: B. S. Bayburov, M. I. Kochenov, and D. D. Malyy; Scientific Ed.: V. S. Vikhman, Doctor of Technical Sciences; Ed. of Publishing House: L. P. Stroganov, Engineer; Tech. Ed.: R. I. Dobritsyna; Managing Ed. for Literature on Means of Automation and Instrument Construction: N. V. Pokrovskiy, Engineer.

PURPOSE: This book is intended for designers and technical personnel in machine plants.

Card 1/8

Control Automatics

COVERAGE: The book contains information on the most important Soviet-built model automatics for the inspection, sorting, and automatic control of machine parts according to their geometric parameters. The book is part of a series devoted to modern means of dimensional control and was recommended by the Commission on the introduction of Advanced Control Methods and Means in the Machine Industry of the State Scientific-Technological Committee of the Council of Ministers of the USSR. Attention is given to the construction, operation, and specification of a number of dimensional-control automatics for various purposes. Photographs and layout diagrams are included. No personalities are mentioned. There are no references.

TABLE OF CONTENTS:

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TUBENSHLYAK, Z.L.; SOKOLOVA, L.M.

An automatic device for sorting jet needles into groups. Trakt. i sel'khozmash. 32 no.9:38-40 S '62. (MIRA 15:12)

1. Nauchno-issledovatel'skiy institut tekhnologii traktornogo i sel'skokhozyaystvennogo mashinostroyeniya.
(Automatic control) (Fuel pumps)

TUBENSHLYAK, Z.L.

5

PHASE I BOOK EXPLOITATION SOV/5862

Vysotskiy, A. V., Ye. R. Dvoretskiy, V. V. Kondashevskiy, V. T. Kuz'michev, I. F. Morozov, P. M. Polyanskiy, Z. L. Tubenshlyak, G. V. Khokhlova, G. V. Chasovnikov, and M. L. Shleyfer

Pribory i ustroystva dlya aktivnogo kontrolya razmerov v mashinostroyenii (Instruments and Equipment for the Active Control of Dimensions in Machine Building) Moscow, Mashgiz, 1961. 303 p. (Series: Progressivnyye sredstva kontrolya razmerov v mashinostroyenii) Errata slip inserted. 7000 copies printed.

Ed. of Series: B. S. Bayburov, M. I. Kochenov, and D. D. Malyy; Scientific Ed.: Ye. R. Dvoretskiy; Ed. of Publishing House: A. G. Akimova; Tech. Ed.: V. D. El'kind; Managing Ed. for Literature on Means of Automation and Instrument Building: N. V. Pokrovskiy, Engineer.

PURPOSE: This book is intended for technical personnel engaged in the design of controlling devices. It may also be useful to students specializing in the field of instrumentation at schools of higher technical education and tekhnikums.

Card 1/6

Instruments and Equipment (Cont.) SOV/5462

COVERAGE: Dimensional control instruments and devices used in machine building which have been tested under experimental and industrial conditions are described. Concise information on non-Soviet control systems is also given. The present work is part of a series devoted to modern controlling devices, and was recommended by the Commission of the State Scientific-Technical Committee of the Council of Ministers USSR. The commission was set up to assist in the introduction of advanced methods and devices of dimensional control in machine building. No personalities are mentioned. There are 74 references: 47 Soviet, 20 English, and 7 German.

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Instrumentation and Equipment (Cont.)

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Instruments and Equipment (Cont.) SOV/5862

Card 5/6

Instruments and Equipment (Cont.) 807/5862

AVAILABLE: Library of Congress (TJ1167.P73)

Card 6/6

DV/vrc/mas
1-9-62

TUBENCHILAK, P.

Local soviets defend rights of collective farmers. p. 58

EESTI KOMMUNIST. (Eestimaa Kommunistlik Partei Keskkomitee) Tallinn, Estonia.
Vol. 15, no. 9, Sept. 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 12, Dec. 1959
Uncl.

TUBENSLJAK, Elinora; ARAK, A., red.; LUMET, E., tekhn. red.

[Pensioning of workers on collective farms of the Estonian S.S.R.] Kolhoosnikute pensioneerimisest Eesti NSV kolhoosides. Tallinn, Eesti riiklik kirjastus, 1961. 49 p. (MIRA 15:5)
(Estonia--Pensions) (Estonia--Collective farms)

TUBEROVSKIY, D.D.

Treatment of cardialgia with novocaine electrophoresis on the cardiac region. Sbor. nauch. rab. vrach. san.-kur. uchr. profsoiuzov no.1:155-159 '64. (MIRA 18:10)

1. Svyatogorskiy sanatoriy im. Artema (glavnyy vrach Ya.M.Musher).

TUBEROZOVA, M., tekhnolog; PISKUNOVA, N., tekhnolog

Reorganize the manufacture of printed instruction plaques. Tekh. est. 2 no.7:30 Jl '65. (MIRA 18:8)

1. Spetsial'noye khudozhestvenno-konstruktorskoye byuro Leningradskogo soveta narodnogo khozyaystva.

BODROV, Aleksey Dmitriyevich; GLAZKOV, Mikhail Mikhaylovich; KRAYEV, I.S., retsenzent; TUBEROZOV, N.I., retsenzent; KHEYFETS, M.B., red.; MAKHUSHINA, A.N., red.izd-va; BEGICHEVA, M.N., tekhn.red.

[Handbook for the skipper of a barge hauling dry freight] Posobie shkiperu sukhogruznoi barzhi. Moskva, Izd-vo "Rechnoi transport," 1955. 224 p. (MIRA 12:9)

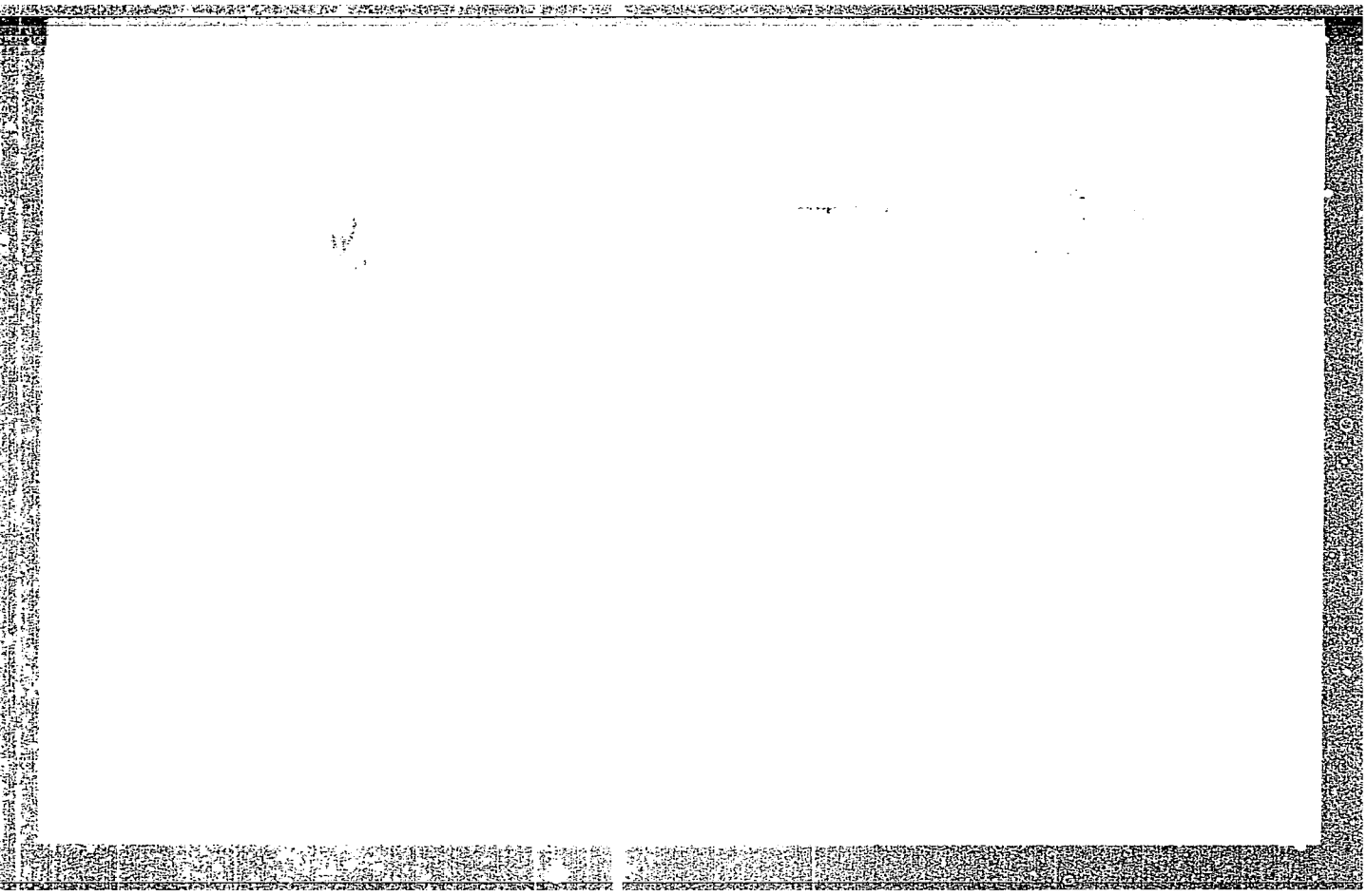
(Barges)

TUBEROZOV, Nikolay Ivanovich; SHIPILIN, Nikolay Nikolayevich; MAYORSKIY, G.I., retsenzent; VAYNSHTOK, M.Z., retsenzent; PLATOV, V.G., red.; MAKRUSHINA, A.N., red.izd-va; BOBROVA, V.A., tekhn.red.

[Guide for users of inland water transportation] V pomoshch' klienture vnutrennego vodnogo transporta. Moskva, Izd-vo "Rechnoi transport," 1959. 446 p. (MIRA 13:1)
(Inland water transportation)

TUBIASZ, S.

Incidence of disease in insured members and their families in 1949. Polski tygod. lek. 7 no.7-8:211-216 18 Feb 1952.
(CLML 22:2)



APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001757330002-3"

TUBIASZ, S.

Illness among members of health insurance and their family in 1949. Polski tygod. lek. 7 no. 5-6:152-156;contd. 4 Feb 1952. (CLML 22:4)

TUBIASZ, S.

Centrifugal appratus for measurement of dust; preliminary communication. Med.pracy 6 no.3:201-204 1955.

1. Z katedry Higieny Ogolnej A.M. w Warszawie. Kierownik: prof. dr M. Kacprzak.
(DUST, determination, centrifugal appar)

TUBIASZ, Stanislaw (Warszawa, ul. Filtrowa 83)

Morbidity among insured and members of their families during 1949.
Polski tygod. lek. 9 no.26:824-831 26 June 54.
(VITAL STATISTICS,
morbidity in Poland among insured & members of their families)
(HEALTH INSURANCE,
in Poland, statist. of morbidity among insured & members of their families)

TUBIC, Slobodan

Business management and statistics. Elektroprivreda 17 no.7/8: 340-346 Jl-Ag '64.

BOWKIEWICZ, Janusz; FURMAN, Wlodzimierz; SLONIEWICZ, Witold; TUBIELEWICZ, Jaroslaw; ZALUSKA, Jozef

Lymphography with the use of oily contrast media. Pol. przegl. radiol. 27 no.6:493-499 '63.

1. Z Pracowni Rentgenodiagnostycznej Miejskiego Szpitala Bielanskiego w Warszawie Kierownik: dr med. J. Bowkiewicz Z Oddzialu Chirurgii Ogolnej Miejskiego Szpitala Bielanskiego Ordynator: doc. dr med. W. Wiechno.
(LYMPHOGRAPHY) (CONTRAST MEDIA)

GRONOWSKI, Jacek; TUBIELEWICZ, Jaroslaw

An automatic lymphographic syringe. Pol. przegl. radiol. 27 no.6:487-492 '63.

1. Z Pracowni Rentgenodiagnostycznej Miejskiego Szpitala Bielanskiego w Warszawie Kierownik: dr med. J. Bowkiewicz.
(LYMPHOGRAPHY) (SYRINGES)

TUBIE.EWICZ-WITKOWSKA, Hanna

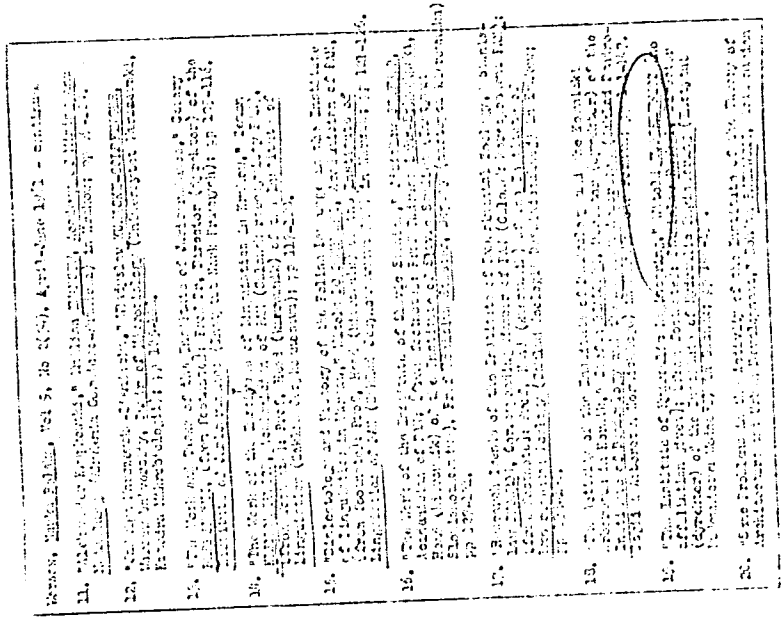
On forces produced by waves on bodies submerged just below a liquid surface. Rozpr hydrotechn no.11:143-153 '62.

TUBIELEWICZ, W., prof. mgr inz.

Prospective space development plan of the Gdansk-Gdynia seaport complex. Tech gosp morska 12 no.7/8:220-223 Jl-Ag '62.

1. Politechnika, Gdansk.

TUBIELEWICZ, W.



TUBIELEWICZ, Witold, prof.

Danzig-Gdynia after 20 years. Przegl techn 85 no. 25: 1,2 21 Je '64.

TUBIELEWICZ, Witold

Department of Maritime Constructions; its scientific activities.
Rozpr hydrotechn no.12:99-102 '62.

TUBIN, I., inzhener.

Suspension-wall panels. Stroitel' no.1:13 Ja '57. (MLRA 10:2)

(Concrete slabs)

TUBIN, S. M.

TUBIN, S. M. -"The evolution of desing solutions for the steel skeletons of single-story industrial buildings in the planning work of Promstroyprojekty" (Industrial Construction Designing)". Moscow, 1955. Min Higher Education USSR. Order of Labor Red Banner Construction Engineering Inst imeni V. V. Kuybyshev (Dissertation for the Degree of Candidate of Technical Sciences).

SO: Knizhnaya Letopis' No. 46, 12 November 1955, Moscow

MUKHANOV, Konstantin Konstantinovich, kandidat tekhnicheskikh nauk; BALDIN, V.A., kandidat tekhnicheskikh nauk, retsenzent; TUBIN, S.M., kandidat tekhnicheskikh nauk, nauchnyy redaktor; KOTIK, B.A., redaktor izdatel'stva; TOKER, A.M., tekhnicheskiy redaktor

[The planning of steel structural elements] Proektirovanie stal'nykh konstruktsii. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 374 p. (MIRA 10:1)
(Steel, Structural)

KIKIN, A.I., prof.; BELENYA, Ye.I., prof.; STRELETSKIY, N.S., prof., doktor tekhn. nauk; LESSIG, Ye.N., dots.; LUKHANOV, K.K., dots.; DUBINSKIY, G.S., dots.; SHESTAK, G.A., dots.; IGNAT'YEVA, V.S., dots.; KUYBAKOV, V.M., dots.; GENIYEV, A.N., prof.; VEDENIKOV, G.S., dots.; TUBIN, S.M., kand. tekhn. nauk, nauchnyy red.; BEGAK, B.A., red. izd-va; OSENKO, L.M., tekhn. red.

[Metal construction; present state and outlook for future development] Metallicheskie konstruktsii; sostoianie i perspektivy razvitiia. Pod obshchei red. N.S.Streletskogo. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 333 p. (MIRA 15:4)

1. Moscow. Moskovskiy inzhenerno-stroitel'nyy institut.
2. Kafedra metallicheskikh konstruktsiy Moskovskogo inzhenerno-stroitel'nogo instituta imeni V.V.Kuybysheva (for all except Tubin, Begak, Osenko).
(Building, Iron and steel)
(Aluminum, Structural)

RUZHENTSEVA, A.K.; TUBINA, I.S.; BRAGINA, L.N.

Quantitative determination of chloral hydrate 1-hydrazinephthalazine (apressin). Med.prom. 14 no.11:34-36 N '60. (MIRA 13:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni S.Ordzhonikidze.
(PHTHALAZINE)

TUBLASZOWA, B.

"We are fighting for a healthy village." p.6. (ZDROWIE Vol. 7, No. 1, 1955. Warszawa, Poland)

SO: Monthly List of East European Accession. (EEAL). LC. Vol. 4. No. 4. April 1955. Uncl.

1. TUBOLEVSKIY, L.

2. USSR (600)

4. Radio - Receivers and Reception

7. Installation of the heterodyne part of a receiver. Radio. No. 10, 1952

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

Math. + Natural Science

P T A.

551.461

461

Tubielewicz, W. The Problems of Oceanography in Polish Science.
Zagadnienie oceanografii w nauce polskiej" Technika Morza i Wybrzeza No 8 9, 1950, pp 201 206.

A report on the achievements of Polish science, opportunities and requirements together with indications for the further development of scientific work in biological, physical and dynamic oceanography.

STRELETSKIY, Nikolay Stanislavovich, prof., doktor tekhn. nauk; GENIYEV, A.N., prof.; BELENYA, Ye.I., doktor tekhn. nauk, prof.; BALDIN, V.A., kand. tekhn. nauk, dotsent; LESSIG, Ye.N., kand. tekhn. nauk, dotsent; TUBIN, S.M., kand. tekhn. nauk, nauchnyy red.; GORYACHEVA, T.V., red. izd-va; GILENSON, P.G., tekhn. red.

[Metal construction] Metallicheskie konstruktsii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 776 p. (MIRA 14:9)

1. Chlen-korrespondent AN SSSR i Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Streletskiy).
(Building, Iron and steel)

MUKHANOV, Konstantin Konstantinovich, kand. tekhn. nauk; BALDIN, V.A., retsenzent; TUBIN, S.M., kand. tekhn. nauk, nauchnyy red.; BEGAK, B.A., red.izd-va; [illegible]ERSTNEVA, N.V., tekhn. red.

[Metal structures; fundamentals of design] Metallicheskie konstruktsii; osnovy proektirovaniia. Moskva, Gosstroiizdat, 1963. 404 p. (MIRA 16:7)

1. Chlen-korrespondent Akademii stroitel'stva i arkhitektury SSSR (for Baldin).

(Building, Iron and steel)

SOKOLOVKSIY, P.I., kand.tekhn.nauk; TUBIN, S.M., kand.tekhn.nauk

Low-alloyed 15GS structural steel containing no nickel. Prom. stroi. 38 no.10:32-34 '60. (MIRA 13:9)

1. TSentral'nyy nauchno-issledovatel'skiy institut stroitel'nykh konstruktsii Akademii stroitel'stva i arkhitektury SSSR.
(Steel, Structural)

TUBIN, S. M.

TUBIN, S. M. Rukovoditel'-Dots i MALYUGINA, M. M. Inzh., RYUKIN, M. M. Inzh

Vsesoyuznaya Kontora Tipovogo Proyektirovaniya I Tekhnicheskikh Issledovaniy (KTIS) Mintyazhstroya

Analiz skhem stal'nukh Konstruktsiy pokrytiy odnoetazhnykh promyshlennykh zdaniy s 3-M Plitami Page 63

SO: Collections of Annotations of Scientific Research Work on Construction, completed in 1950. Moscow 1951

TAKHTAMYSHEV, Andrey Georgiyevich; TUBIN,S.M., redaktor; ROSTOVTSEVA, M.P., redaktor; DAKHNOV,V.S., tekhnicheskiy redaktor; TOKER,A.M., tekhnicheskiy redaktor

[Steel structures] Stal'nye konstruktsii. Moskva, Gos.izd-vo lit-ry po stroitel'stvu i arkhitekture, 1955. 285 p. (MLRA 9:3)
(Building, Iron and steel)

TUBIN, G. M.

Tubin, G. M. - Rukovoditel'dots. 1, MALYIGIN, I. F. - Insh., ROSTOVTSEVA, V. N. - Inzh.

Rukovoditel'dots. Vsesoyuznaya Kontora Tipovogo Proyektirovaniya i tekhnicheskikh issledovaniy (KITS) Mintyazhstroya

Tipovyye sektsii odnoetazhnykh promyshlennykh zdaniy s vnutrennim otvodom vody. zadiya so smeshannym karkasom, skhemy stal'nykh Konstruksiy Raschetyye Page 63
Razmyye i Detali

SO: Collection of Annotations of Scientific Research Work on Construction, completed in 1950. Moscow, 1951

TUBIN, S. M.
USSR/Postwar Economic Planning
Steel Plant 4205.0256

4104.0500 Nov 1947

"Metal Constructions," N. S. Streletskiy, Corr Mem, Acad Sci USSR, S. M. Tubin, Engr, 4½ pp

"Stroitel Prom" Vol XXV, No 11

Theoretically discusses planning heavy industrial enterprises. Mentions work of various scientific research institutes which have dealt with problems of heavy construction. Gives names and work of many construction engineers and enterprises. General view picture, 4½ x 15½, shows fine sheet-steel mill of "Zaporozhstal'."

16039

LC

TUBIN, S.M.

[illegible] Committee on Special Orders [illegible] Council of Ministers USSR, in the [illegible] of [illegible] science and invention announces that the following scientific works, popular science and textbooks have been submitted for competition for State Prizes for [illegible] and textbooks have been submitted for competition for State Prizes for [illegible] 1950 and [illegible] Gosstroyizdat, Moscow, [illegible], 5 Apr 1951

Name	Title of Work	Nominated by
Streletskiy, N.S. Geniyev, A. N. Baldin, V. A. Belenya, Ye. I. Lessig, Ye. N. Tubin, S.M.	"Steel Construction" (textbook, 2nd edition)	Moscow Construction Engineering Institute imeni V.V. Kuybyshev

[illegible], Vechernyaya Moskva, 7 July 1951

VELJKOVIC, Milos, d-r, asist; TUBIN-VASIC, Danica, d-r, asist.

Torsion of the gravid uterus. Med.arh., Sarajevo 14 no.7:53-58 Ja '61.

1. Ginekolosko akuserska klinika Medicinskog fakulteta u Sarajevu (Sef: prof. d-r Milenko Beric)
(UTERUS dis)
(PREGNANCY compl)

SOV/137-58-8-18163

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 8, p 280 (USSR)

AUTHOR: Tubina, A. Ya.

TITLE: Separate Determination of Mercury Vapors and Some Organic Compounds of Mercury in the Air (Razdel'noye opredeleniye parov rtuti i nekotorykh organicheskikh soyedineniy rtuti v vozdukhe)

PERIODICAL: Nauchn. raboty khim. labor. Gor'kovsk. n.-i. in-t gigiyeny truda i profbolezney, 1957, Nr 6, pp 23-28

ABSTRACT: A method of separate determination of organic compounds of Hg [diethylmercury (D) and ethylmercurochloride] and vapors of metallic Hg has been developed; it is based on the fact that upon the addition of the reagent [into a 25 - 30 cc ground-glass-stoppered flask 5 cc of an 8% solution of $Cu(NO_3)_2$ are introduced, and 0.75 g of hydroxylamine hydrochloride, 0.5 cc of 25% solution of ammonia, and 15 cc of water are added] to the Hg compounds in an alcoholic solution (0.08% solution of iodine in 95% ethyl alcohol) there forms a precipitate consisting of a mixture of Cu_2I_2 and $Cu_2I_2 \cdot HgI_2$. D is absorbed in the range of 99.2 - 100%, ethylmercurochloride and Hg in the range of 95 - 100%. For the

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SOV/137-58-8-18163

Separate Determination of Mercury Vapors (cont.)

separate determination in the air of vapors of Hg and some organic compounds of Hg the difference in the solubility of these compounds in the aqueous solutions of I and in KI under a rapid passage of air is utilized. The absorption of the vapors of D is negligibly small (~ 0.2% of the total amount). The sensitivity of the method is 0.1 Hg. The results of the determinations of Hg compounds in the air of industrial buildings are adduced.

Kh. Sh.

1. Mercury vapors—Determination 2. Mercury compounds (Organic)—Determination 3. Air—analysis

Card 2/2

TUBINA, A.Ya.

Separate determination of sulfur monochloride, carbon disulfide, carbon tetrachloride, and sulfur dioxide in air in the presence of hydrogen chloride. Trudy kom. anal. khim. 11:447-456 '60. (MIRA 13:10)

1. Gor'kovskiy nauchno-issledovatel'skiy institut gigiyeny truda i professional'nykh bolezney.
(Sulfur chloride) (Carbon disulfide) (Carbon tetrachloride) (Sulfur dioxide)

TUBINA, A.Ya.

Determination of small amounts of some products of the manufacture of chloroorganic insecticides in the air. Trudy Kom.anal.khim. 13:106-115 '63. (MIRA 16:5)

1. Gor'kovskiy nauchno-issledovatel'skiy institut gigiyeny truda i professional'nykh zabolevaniy.
(Chlorine organic compounds) (Insecticides) (Air—Analysis)

TERENT'YEV, A.P.; TUBINA, I.S.

Diazometric method of analysis. Report No.2: Determination of phenols. Zhur.anal.khim. 18 no.7:880-883 Jl '63. (MIRA 16:11)

1. M.V.Lomonosov Moscow State University and S. Ordzhonikidze All-Union Scientific-Research Chemico-Pharmaceutical Institute, Moscow.

L 1796-66

ACCESSION NR: AP5017528 UR/0243/65/000/007/0007/0009
615.43:615.11 (47)

AUTHOR: Letina, V. S.; Tubina, I. S.; Chemerisskaya, A. A.

TITLE: General analytic methods in the SSSR State Pharmacopeia

SOURCE: Meditsinskaya promyshlennost' SSSR, no. 7, 1965, 7-9

TOPIC TAGS: test method, drug, pharmacology, drug industry, quality control, analytic chemistry

ABSTRACT: The article describes methods to be introduced or more widely applied for quality control of pharmaceuticals in connection with the new edition of this pharmacopeia. It discusses control methods prescribed in recent foreign pharmacopeias and the last SSSR edition (IX), such as infrared methods, ultraviolet spectroscopy, polarography, fluorometry, pH-metry, thin-film chromatography, combustion under oxygen, and the use of standard preparations. Information on the use of these methods will be included in the new SSSR pharmacopeia. Soviet control laboratories will have be be provided with the necessary instruments, reagents, and standard preparations. Orig. art. has: None

Card 1/2

L 1796-66

ACCESSION NR: AP5017528

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut im. S. Ordzhonikidze, Moskva (All-Union Scientific Research Chemical Pharmaceutical Institute, Moscow)

SUBMITTED: 27Apr65 ENCL: 00 SUB CODE: LS

NR REF SOV: 000 OTHER: 000

Card 2/2

RUZHENTSEVA, A.K.; CHEMERISSKAYA, A.A.; TUBINA, I.S.

Analysis of some semiproducts of the synthesis of cortisone. Med. prom. SSSR 14 no.12:38-40 D '60. (MIRA 13:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni S. Ordzhonikidze.
(CORTISONE)

RUZHENTSEVA, [redacted], I.S.

Determination of solasodine in Solanum aviculare Forst and in pure solasoline. Med.prom. 13 no.1:40-44 Ja '59. (MIRA 12:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni S.Ordzhonikidze. (SOLASODINE)

MIKHAYLOVA, N.P. [Mykhailova, N.P.]; TUBINA, L.A. [Tubina, L.O.]

Attempt at the petrographic breakdown of gabbro pyroxenites of the Oktyabr alkali massif by their magnetic characteristics. Dop. AN URSR no.9:1187-1190 '62. (MIRA 18:4)

1. Institut geofiziki AN UkrSSR.

KOVAL'CHUK, M.F., inzh., red.[deceased]; BALDIN, V.A., red.; TUBIN, S.M., kand. tekhn. nauk, red.; LAUT, M.Ya., inzh. red.; LARIONOV, A.A., inzh., red.; BALIKHIN, M.I., red.; BOGUSHEVICH, Ye.N., inzh., red.; PAVLOV, S.M., inzh., red.; SHIRIN, P.K., kand. tekhn. nauk, red.

[Construction specifications and regulations] Stroitel'nye normy i pravila. Moskva, Gosstroiizdat. Pt.2. Sec.V. Ch.3.; Pt.3. Sec. A. Ch.5-6. (MIRA 18:1)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam stroitel'stva. 2. Gosstroy SSSR (for Koval'chuk, Larionov, Bogushevich). 3. Chlen-korrespondent Akademii stroitel'stva i arkhitektury SSSR (for Baldin). 4. TSentral'nyy nauchno-issledovatel'skiy institut stroitel'nykh konstruktsiy Akademii stroitel'stva i arkhitektury SSSR (for Tubin). 5. Gosudarstvennyy institut po proyektirovaniyu, issledovaniyu i ispytaniyu stal'nykh konstruktsiy i mostov (for Laut). 6. Mezhduvedomstvennaya komissiya po peresmotru Stroitel'nykh norm i pravil(for Balikhin, Pavlov). 7. Nauchno-issledovatel'skiy institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu Akademii stroitel'stva i arkhitektury SSSR (for Shirin).

TUBINOVIC, Dejan

Portraits of Comrade Tito on our stamps. PTT Zajed 4 no.3:5-6 My-Je '62.

TUBINOVIC, Dejan

Yugoslav postage stamps of 1962. PTZ Zajed 5 no.1:17-18 Ja-F '63.

SCHASTLIVYY, G.G., inzh.; TUBIS, Ya.B., inzh.

Heat emission of the ribbed hulls of AO size 10 electric motors. Elektrotekhnika 36 no.8:25-28 Ag '64. (MIRA 17:9)

S/275/63/000/002/030/032
D405/D301

AUTHOR: Tubl, R.

TITLE: Switching circuit for two controlled electrical circuits supplied by a single current source, for example the switching of the circuit filament-anode of powerful electron tubes

PERIODICAL: Referativnyy zhurnal, Elektronika i eye primeneniye, no. 2, 1963, 38, abstract 2V236 P (Chekhosl. pat., kl. 21c, 42/03. no. 101329, 15.10.61 (Czechoslovak patent))

TEXT: A circuit is considered which serves for the successive switching of two electrical circuits which are supplied by a common source. The circuit consists of the main switch, the cut-in relay of the first network (CR1) and the cut-in relay of the second network (CR2) with a time relay which cuts in automatically with a given delay after CR1 is engaged. In the case of short breaks in the current supply, when the delay in switching CR2 is superfluous, one uses an auxiliary relay and an auxiliary circuit. In the pro-

Card 1/2

Switching circuit ...

posed circuit diagram it is possible to considerably reduce the auxiliary circuit owing to the fact that the auxiliary relay, which cancels the action of the time relay of CR2 for short breaks in current supply, is not under the discharge current of the auxiliary circuit as usual, i.e. during the entire period in which the current is absent, but only during a shorter time interval: from the moment at which the current is again applied to the moment at which the auxiliary relay cuts in; following this, the latter is maintained in operating condition (the time relay does not operate) by the current from the common source. This is achieved by connecting the coil of the auxiliary relay to the discharge network of the auxiliary circuit only at the moment when the main on-off switch is cut in and CR2 with the time relay is cut out. An actual circuit is proposed.
[Abstracter's note: Complete translation]

Card 2/2

TUBL, Z.

Improvement of surveys on quality of production in foundries by means of a punched-card system. p. 328.
SLEVARENSTVI, Prague, Vol. 2, no. 11, Nov. 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6, June 1956, Uncl.

KOWALSKI, Tadeusz, inz.; SLOMIANKO, Pawel, doc. dr inz.; PASZKIEWICZ, Czeslaw, mgr; KARWOWSKI, Jozef, doc. dr inz.; DRUET, Czeslaw, dr inz.; TUBIELEWICZ-WITKOWSKA, Hanna, mgr inz.; SZARANIEC, Tadeusz, mgr inz.; ONOSZKO, Jerzy, mgr inz.; RBYINSKI, Jerzy, mgr inz.; HOFFMANN, Marian, mgr inz.

Discussions on papers and communications. Rozpr hydrotechn no.12: 119-127 '62.

1. Research Institute of Hydraulic Engineering, Polish Academy of Sciences, Gdansk (for all except Kowalski and Paszkiewicz). 2. Maritime Institute, Gdansk (for Kowalski). 3. State Hydrological and Meteorological Institute, Gdynia (for Paszkiewicz).

CHEKANOV, Vasiliy Demidovich; TUBMAN, M.L., red.; TSYMBALIST, N.N., red. izd-va; ZHF, Ye.M., tekhn. red.

[General and mining electrical engineering] Obshchaia i gornaia elektrotekhnika. Izd.2., perer. i dop. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1958. 512 p. (MIRA 11:9)
(Electric engineering)

KULIKOV, Aleksandr Aleksandrovich; BELEN'KIY, Aleksandr Abramovich; RAPUTOV, Boris Mikhaylovich; FILATOV, A.S., kand.tekhn.nauk, retsenzent; SON'KIN, M.A., kand.tekhn.nauk, retsenzent; TUBMAN, M.L., inzh., retsenzent; KISELEVA, T.I., red. izd-va; VAYNSHTEYN, Ye.B., tekhn. red.

[Electrical equipment of enterprises of nonferrous metallurgy] Elektrooborudovanie predpriiatii tsvetnoi metallurgii. Pod obshchei red. A.A.Kulikova. Moskva, Metallurgizdat, 1962. 600 p. (MIRA 15:7)
(Nonferrous metal industries--Electric equipment)

CHEKANOV, Vasiliy Demidovich; FILATOV, P.D., retsenzent; GOLUBOV, G.V., retsenzent; TUBMAN, M.L., red.; KRAPIVIN, B.G., red.izd-va; ZEF, Ye.M., tekhn.red.

[Laboratory work-guide for general and electrical engineering and electrical engineering in mining] Rukovodstvo k laboratornym rabotam po obshchei i gornoi elektrotekhnike. Izd.3., perer. i dop. Sverdlovsk, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1959. 231 p. (MIRA 13:1)

(Electric engineering--Laboratory manuals)
(Electricity in mining)